



## Economic Impact of Langley and Wallops

Despite a budget decrease in fiscal 2008, NASA Langley's impact on the economy rose in some areas, and remained the same or declined in others, according to an analysis by The Wessex Group, Ltd., of Williamsburg, Virginia.

Overall, the news is good: Langley "generates enormous economic benefits for its neighbors throughout the region, state, and nation," the Wessex report said.

Langley's \$740 million budget for 2008 was a decrease of \$18 million from the previous year. This includes agreements worth \$14 million in work for other government agencies and the private sector.

The Wessex report analyzed the impact of both Langley and its smaller counterpart on the Eastern Shore of Virginia, NASA Wallops Flight Facility. The following is a summary of both the impact of Langley alone, and combined with Wallops.

The economic impact of Langley alone:

- U.S. — \$2.2 billion and 18,184 full time jobs for research professionals, scientists, engineers, and support personnel.
- Of those total numbers, \$1.1 billion and 10,400 jobs are in Virginia.
- \$981 million and 9,108 jobs are in Hampton Roads.

The combined economic impact of Langley and Wallops:

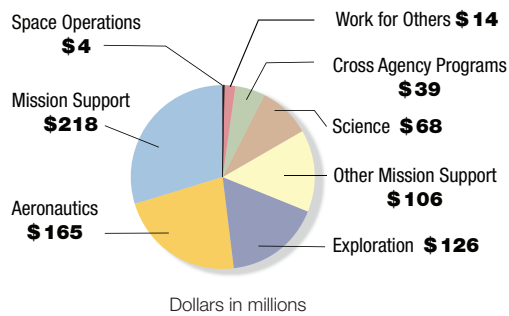
- U.S. — \$2.7 billion and 22,220 jobs.
- Virginia — \$1.2 billion and 11,387 jobs
- Hampton Roads — \$981 million and 9,108 jobs.

Langley facilities represent an investment in land, buildings and scientific equipment of approximately \$3.3 billion. As Langley prepares for new missions and programs, increasing infrastructure investments likely will generate more economic benefits.

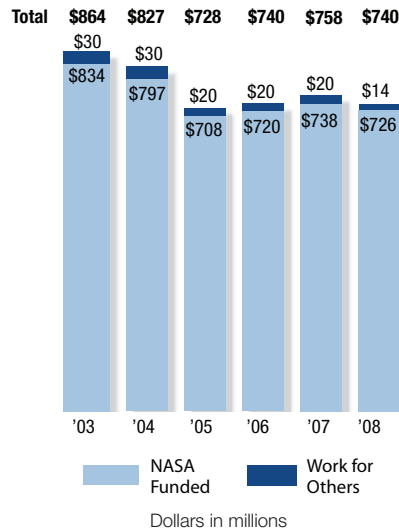
In 2008, Langley employed 3,700 people. Approximately 1,900 were civil service employees and 1,800 were private-sector employees working on- or near-site for companies that were contracted to provide support to NASA.

Support for an organization of this size requires a wide range of commodities and expertise such as engineering services, wind tunnel support and maintenance, laboratory testing, and computer equipment. These goods and services contribute to business development, create jobs and increase

Langley FY 2008 Research & Development Funding



Langley Budget Profile



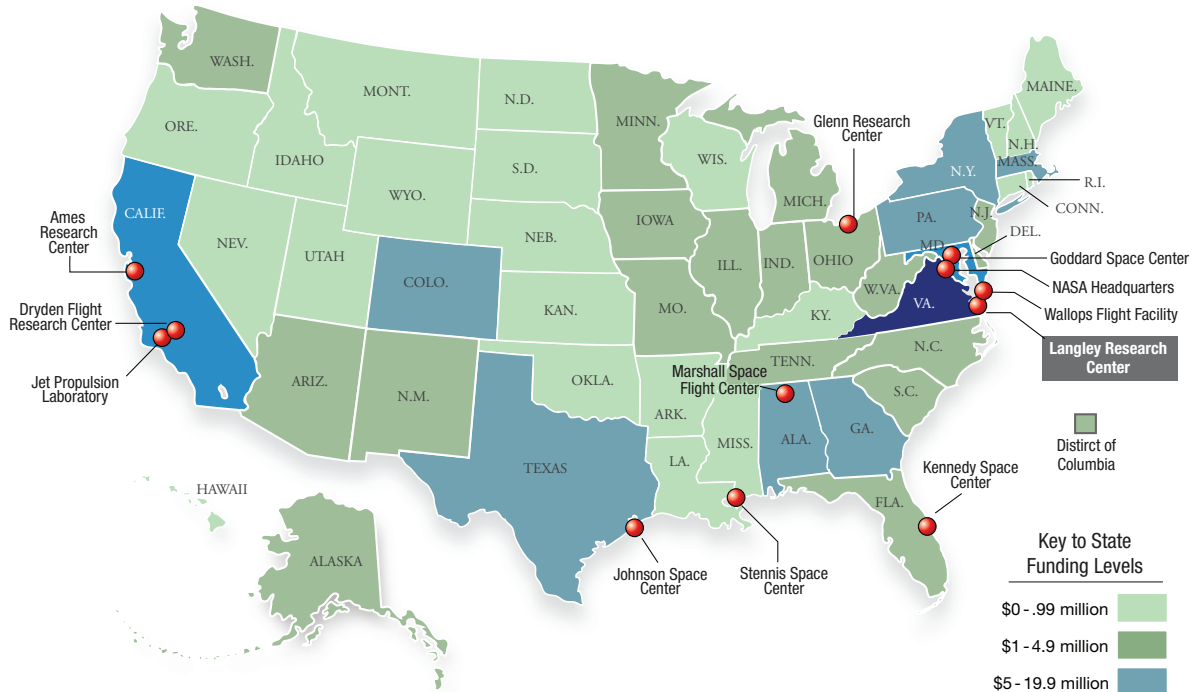
the tax base.

Economic benefits flow directly and indirectly from:

- Procurements and expenditures made in support of NASA programs, including payroll, operating expenditures, and construction outlays.
- Contractors hired and paid by NASA to assist in the fulfillment of its mission.
- Visitors and professionals from around the world who contract with NASA for use of facilities and spend money in the community while they are here.

On the next page is a state-by-state illustration of Langley's top monetary obligations to business contractors, nonprofit institutions, and educational institutions. Nearly every state is a recipient of NASA funding.

## Langley Spending by State, Fiscal Year 2008



### Top Obligations to Business Contractors

Dollars in millions

Jacobs Technology Inc. ....	\$ 91.4
ATK Swales .....	47.6
Science Systems & Applications Inc. ....	37.3
Science Applications Intl. Corp. ....	24.7
Northrop Grumman Corp. ....	18.0
Raytheon Technical Service Company .....	15.5
Lockheed Martin Government Services .....	14.3
Tessada & Associates Inc. ....	13.9
Analytical Mechanics Associates Inc. ....	11.7
The Boeing Company .....	10.5
Unisys Corporation .....	8.2
Dominion Virginia Power .....	7.4
Alliant Techsystems Inc. ....	6.2
IBM Corp. ....	6.0
Chugach Industries Inc. ....	5.6
ILC Dover Inc. ....	4.8
Science & Technology Corp. ....	4.8
ASRC Management Services Inc. ....	4.5
Mainthia Technologies .....	4.0
CSC Applied Technologies .....	3.6
Dresser-Rand Product Services.....	3.1
Modern Machine & Tool Company Inc. ....	3.0
Four Dimensional Leadership .....	3.0
Analytical Services & Materials Inc. ....	2.6
Air Products & Chemicals Inc. ....	2.1

### Top Obligations to Nonprofit and Educational Institutions

Dollars in millions

National Institute of Aerospace .....	\$ 24.7
Pennsylvania State University, State College .....	7.7
Georgia Tech Research Corp. ....	4.2
City of Hampton .....	3.9
Morgan State University .....	3.3
The Aerospace Corp. ....	2.3
Virginia Tech .....	1.6
Stanford University .....	1.4
University of Arizona .....	1.2
Old Dominion University Research Foundation .....	1.2
University of Virginia .....	1.1
City University of New York .....	1.1
North Carolina State University .....	1
Logistics Management Institute .....	1
George Mason University .....	1
University of Florida .....	1
University of Texas, Austin .....	.9
Northeastern University .....	.8
Fairmont State University .....	.8
Virginia Air & Space Center .....	.8

National Aeronautics and Space Administration

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